

STIC Database Tracking Number: 291398

To: NEIL KARDOS  
Location: KNX-5B19  
Art Unit: 3623  
Tuesday, April 14, 2009  
  
Case Serial Number: 10/654738

From: ROBERT FINLEY  
Location: EIC3600  
KNX-2A80-C  
Phone: (571)272-8952  
  
robert.finley@uspto.gov

## Search Notes

Dear Examiner Kardos:

Please find attached the results of your search for the above-referenced case. The search was conducted in the Business Methods Template databases appropriate for the application.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

Dialog search results are presented in two formats, Word (.doc) and Acrobat (.pdf).

To navigate this document: use FIND function {Ctrl-F}

- ~~ will find the beginning of each group of results
- ^ will find the tagged items

Information on Dialog databases can be found at: <http://library.dialog.com/bluesheets/>

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search.

<b>I.</b>	<b>POTENTIAL REFERENCES OF INTEREST.....</b>	<b>3</b>
A.	Dialog .....	3
<b>II.</b>	<b>INVENTOR SEARCH RESULTS FROM DIALOG .....</b>	<b>6</b>
<b>III.</b>	<b>TEXT SEARCH RESULTS FROM DIALOG .....</b>	<b>9</b>
A.	Patent Files .....	9
<b>IV.</b>	<b>TEXT SEARCH RESULTS FROM DIALOG .....</b>	<b>14</b>
A.	NPL Files, Abstract.....	14
B.	NPL Files, Full-text .....	26
<b>V.</b>	<b>ADDITIONAL RESOURCES SEARCHED .....</b>	<b>45</b>

## **I. Potential References of Interest**

### A. Dialog

~~ Patent Literature: Inventor search

**^ 7/3/1 (Item 1 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2009 Thomson Reuters. All rts. reserv.

0014884177 - Drawing available  
WPI ACC NO: 2005-231916/200524

XRPX Acc No: N2005-191019

**Business-related analysis performing method for stage-based business environment, involves performing de - trending operation to reduce error in predicted value based on standardized score and consideration of actual values**

Patent Assignee: GAMBHIR S (GAMB-I); HOERL R W (HOER-I); KALISH P A (KALI-I); LACOMB C A (LACO-I); SENTURK D (SENT-I)  
Inventor: **GAMBHIR S ; HOERL R W ; KALISH P A ; LACOMB C A ; SENTURK D**  
**Patent Family** (1 patents, 1 countries)

Patent	Application					
Number	Kind	Date	Number	Kind	Date	Update
US 20050055257	A1	20050310	US 2003654738	A	20030904	200524 B

Priority Applications (no., kind, date): US 2003654738 A 20030904

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050055257	A1	EN	30	12	

~~ Non-Patent Literature: Non-Full Text  
Dialog files: 2,35,65,99,256,474,475,583

**^ 14/3,K/9 (Item 9 from file: 2)**  
DIALOG(R)File 2:INSPEC  
(c) 2009 Institution of Electrical Engineers. All rts. reserv.

03062654 INSPEC Abstract Number: B83033129, C83022839

**Title: Approximate methods using ranks for regression with censored data**

Author(s): Pettitt, A.N.

Author Affiliation: Dept. of Math., Loughborough Univ. of Technol.,  
Loughborough, UK

Journal: Biometrika vol.70, no.1 p.121-32

Publication Date: April 1983 Country of Publication: UK

CODEN: BIOKAX ISSN: 0006-3444

Language: English

Subfile: B C

...Abstract: rank likelihoods is given and used to make inferences for the linear regression model with **censored data**. The approximations involve linear **rank statistics**, adapted for **censored data**, and **estimates** for their variance. Various explicit scores are given for right **censored data** and logistic scores for doubly **censored data**. Inferences using the approximate rank analysis are compared with inferences using fully and partially parametric...

**^ 14/3,K/11 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

(c) 2009 ProQuest Info&Learning. All rts. reserv.

01886150 ORDER NO: AADAA-I3051447

**Using factor score estimates in latent variable analysis**

Author: Azevedo, Kari Ann

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: Iowa State University (0097)

Source: VOLUME 63/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1910. 66 PAGES

ISBN: 0-493-65877-7

...the theoretical constructs are often observed only indirectly through a set of observable indicators. Although **estimates** of **standard factor scores** are available, making inferences about the **true value** of a latent construct has not been discussed widely. In this paper, a variance **estimator** for the **factor score estimator** is derived that incorporates the additional variability due to the parameter estimation. Also, an estimated...

-- Patent Literature:

Dialog files: 347,348,349,350

**^ 11/3,K/3 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2009 Thomson Reuters. All rts. reserv.

0014884177 - Drawing available

WPI ACC NO: 2005-231916/200524

XRPX Acc No: N2005-191019

**Business-related analysis performing method for stage-based business**

**environment, involves performing de - trending operation to reduce error in predicted value based on standardized score and consideration of actual values**

Patent Assignee: GAMBHIR S (GAMB-I); HOERL R W (HOER-I); KALISH P A (KALI-I); LACOMB C A (LACO-I); SENTURK D (SENT-I)

Inventor: GAMBHIR S; HOERL R W; KALISH P A; LACOMB C A; SENTURK D

**Patent Family (1 patents, 1 countries)**

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050055257	A1	20050310	US 2003654738	A	20030904	200524 B

Priority Applications (no., kind, date): US 2003654738 A 20030904

#### **Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 20050055257 A1 EN 30 12

**Business-related analysis performing method for stage-based business environment, involves performing de - trending operation to reduce error in predicted value based on standardized score and consideration of actual values**

**Alerting Abstract** ...The method involves providing a model (132) implemented on an electronic data processing apparatus. A **predicted value** is generated using the model. A **trending** operation is performed using **trending logic** to derive a **standardized score** that pertains to a variance of the value. A **de - trending** operation is performed using de-trending logic to reduce an **error** in the **value** based on the score and a consideration of **actual values**.

#### **Original Publication Data by Authority**

#### **Argentina**

Assignee name & address:

#### **Claims:**

...method for performing business-related analysis using an electronic data processing apparatus based on an **incomplete** dataset, comprising:providing a model implemented on the electronic data processing apparatus that is based...

...provided by the electronic data processing apparatus to reduce the error in the predicted value **based** the **standardized score** calculated in the **trending** logic and a consideration of **actual values** associated **with** the specified **time interval**, the **de - trending** **operation** yielding an electrical signal representative **of** an output result.

## **II. Inventor Search Results from Dialog**

~~ Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)

(c) 2009 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-200915

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090402|UT=20090326

(c) 2009 WIPO/Thomson

File 350:Derwent WPIX 1963-2009/UD=200919

(c) 2009 Thomson Reuters

Set Items Description

S1 14 AU=SENTURK D?

S2 22 AU=LACOMB C?

S3 12 AU=HOERL R?

S4 52 AU=GAMBHIR S?

S5 14 AU=KALISH P?

S6 97 S1 OR S2 OR S3 OR S4 OR S5

S7 1 S6 AND (STANDARD? ? OR STANDARDIZ??? OR STANDARDIS??? OR COMMON OR UNIVERSAL???(3N)(SCOR??? OR RATE? ? OR RATING OR RANK??? OR GRAD??? OR SCAL???) AND (TREND??? OR DETREND??? OR DE-(TREND??? OR PATTERN??? OR TEND? ? OR TENDENC??? OR TENDING)

**^ 7/3/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2009 Thomson Reuters. All rts. reserv.

0014884177 - Drawing available

WPI ACC NO: 2005-231916/200524

XRPX Acc No: N2005-191019

**Business-related analysis performing method for stage-based business environment, involves performing de - trending operation to reduce error in predicted value based on standardized score and consideration of actual values**

Patent Assignee: GAMBHIR S (GAMB-I); HOERL R W (HOER-I); KALISH P A (KALI-I); LACOMB C A (LACO-I); SENTURK D (SENT-I)

Inventor: **GAMBHIR S ; HOERL R W ; KALISH P A ; LACOMB C A ; SENTURK D**

**Patent Family (1 patents, 1 countries)**

Patent Application

Number Kind Date Number Kind Date Update

US 20050055257 A1 20050310 US 2003654738 A 20030904 200524 B

Priority Applications (no., kind, date): US 2003654738 A 20030904

## **Patent Details**

Number      Kind Lan Pg Dwg Filing Notes  
US 20050055257 A1 EN 30 12

~~ Non-Patent Literature: Inventor search

File 2:INSPEC 1898-2009/Apr W1  
(c) 2009 Institution of Electrical Engineers

File 9:Business & Industry(R) Jul/1994-2009/Apr 11  
(c) 2009 Gale/Cengage

File 15:ABI/Inform(R) 1971-2009/Apr 11  
(c) 2009 ProQuest Info&Learning

File 610:Business Wire 1999-2009/Apr 02  
(c) 2009 Business Wire.

File 613:PR Newswire 1999-2009/Apr 14  
(c) 2009 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2009/Apr 14  
(c) 2009 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2009/Apr 10  
(c) 2009 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2009/Mar 23  
(c) 2009 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2009/Mar 31  
(c) 2009 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2009/Mar 18  
(c) 2009 Gale/Cengage

File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 10  
(c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/Mar 23  
(c) 2009 Gale/Cengage

File 20:Dialog Global Reporter 1997-2009/Apr 14  
(c) 2009 Dialog

File 35:Dissertation Abs Online 1861-2009/Mar  
(c) 2009 ProQuest Info&Learning

File 65:Inside Conferences 1993-2009/Apr 09  
(c) 2009 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb  
(c) 2009 The HW Wilson Co.

File 256:TecInfoSource 82-2009/Dec

(c) 2009 Info.Sources Inc

File 474:New York Times Abs 1969-2009/Apr 13

(c) 2009 The New York Times

File 475:Wall Street Journal Abs 1973-2009/Apr 13

(c) 2009 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 Gale/Cengage

Set Items Description

S1	14 AU=(SENTURK, D? OR SENTURK D? OR SENTURK(2N)D?) OR BY=SENTURK(2N)D?
S2	12 AU=(LACOMB, C? OR LACOMB C? OR LACOMB(2N)C?) OR BY=LACOMB(-2N)C?
S3	42 AU=(HOERL, R? OR HOERL R? OR HOERL(2N)R?) OR BY=HOERL(2N)R?
S4	105 AU=(GAMBHIR, S? OR GAMBHIR S? OR GAMBHIR(2N)S?) OR BY=GAMBHIR(2N) S?
S5	13 AU=(KALISH, P? OR KALISH P? OR KALISH(2N)P?) OR BY=KALISH(-2N)P?
S6	178 S1 OR S2 OR S3 OR S4 OR S5
S7	2 S6 AND (STANDARD? ? OR STANDARDIZ??? OR STANDARDIS??? OR COMMON OR UNIVERSAL???(3N)(SCOR??? OR RATE? ? OR RATING OR RANK??? OR GRAD??? OR SCAL???) AND (TREND??? OR DETREND??? OR DE-)TREND??? OR PATTERN??? OR TEND? ? OR TENDENC??? OR TENDING)
S8	0 S7 NOT PY>2003

### III. Text Search Results from Dialog

#### A. Patent Files

~~ Patent Literature:

Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)

(c) 2009 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-200915

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090402|UT=20090326

(c) 2009 WIPO/Thomson

File 350:Dowker WPIX 1963-2009/UD=200919

(c) 2009 Thomson Reuters

Set	Items	Description
S1	58359	(STANDARD? ? OR STANDARDIZ??? OR STANDARDIS???) OR COMMON OR UNIVERSAL?? OR NORMALIZ??? OR NORMALIST??? OR ADAPT????)(3N)(- SCORE? ? OR SCORING OR RATE? ? OR RATING OR RANK OR RANKS OR - RANKED OR RANKING OR GRADE? ? OR GRADING OR SCALE? ? OR SCALI- NG)
S2	34733	TREND??? OR DETREND??? OR DE()TREND??? OR PATTERN??? OR TE- NDENC??? OR TEND? ? OR TENDING OR TRACK??? OR DIRECTION OR DI- SPOSITION OR INCLINATION OR ENTROPY
S3	50848	DATA OR DATASET? ? OR VALUE OR VALUES OR INFORMATION OR IN- FO OR STATISTIC? ? OR STATS OR FACTS OR PARAMETER? ? OR ATTRI- BUTE? ? OR FACTOR? ? OR CHARACTERISTIC? ? OR CRITERIA OR VARI- ABLE? ? OR METRICS
S4	28708	INCOMPLETE OR CENSORED OR TRUNCAT??? OR PARTIAL OR STOCHAS- TIC? OR LOST OR MISSED OR MISSING OR MISPLACED OR UNACCOUNTED OR (NON OR .NOT.)(PRESENT OR ACCOUNTED) OR ERROR?? OR ERRON- EOUS??
S5	44277	ACTUAL??? OR REAL OR REALI?? OR AUTHENTIC???? OR TRUE OR G- ENUINE OR VALID OR FACTUAL?? OR MEASURED OR QUANTIFIED OR PRO- VEN OR TESTED OR COUNTED OR GAUGED OR SUBSTANT?
S6	30113	PREDICT???? OR PROJECT???? OR FORECAST??? OR ESTIMAT??? OR RECKON??? OR ANTICIPAT??? OR FORESEE??? OR FORETELL??? OR FOR- E()CAST??? OR TELL??? OR SEE???) OR EXPECT??? OR PROGNOSTICA- T???
S7	1411	S1(12N)S2
S8	7309	S3(2N)S4
S9	15372	S3(2N)S5
S10	8323	S3(2N)S6

**11/3,K/1 (Item 1 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rts. reserv.

01639734

**PROCESS FOR THE PRODUCTION OF A FINE CHEMICAL  
PROCEDE DE PRODUCTION D'UN PRODUIT CHIMIQUE FIN**

Patent Applicant/Assignee:

METANOMICS GMBH, Tegeler Weg 33, 10589 Berlin, DE, DE (Residence), DE  
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

PUZIO Piotr, Barbelweg 20a, 13505 Berlin, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)

BLAU Astrid, Rotkehlchenweg 33, 14532 Stahnsdorf, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)

WALK Tilmann B, Lessingstrasse 15, 14532 Kleinmachnow, DE, DE (Residence)  
, DE (Nationality), (Designated only for: US)

GIPMANS Martijn, Feuerbachstrasse 34, 14471 Potsdam, DE, DE (Residence),  
NL (Nationality), (Designated only for: US)

HAAKE Volker, Lichtenfelder Ring 206, 12209 Berlin, DE, DE (Residence),  
DE (Nationality), (Designated only for: US)

WEIG Alfons, Parkstr. 19b, 14612 Falkensee, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)

PLESCH Gunnar, Plantagenhof 1, 14482 Potsdam, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)

EBNETH Marcus, Anklamer Str. 52, 10115 Berlin, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)

Legal Representative:

FITZNER Uwe (agent), Hauser Ring 10, 40878 Ratingen, DE

Patent and Priority Information (Country, Number, Date):

Patent: WO 200834648 A1 20080327 (WO 0834648)

Application: WO 2007EP53344 20070404 (PCT/WO EP2007053344)

Priority Application: EP 20061124855 20060405; EP 20061124954 20060407;  
EP 20061127379 20060412; EP 20061142105 20060515; EP 20061142733  
20060518; EP 20061142527 20060518; EP 20061142584 20060518; EP  
20061146775 20060519; EP 20061173944 20060524; EP 20061155248 20060613;  
EP 20061154167 20060614; EP 20061167920 20060707; EP 20061167888  
20060707; EP 20061168811 20060710; EP 20061175782 20060720; EP  
20061179859 20060727; EP 20061180261 20060728; EP 20061181889 20060731;  
EP 20061183299 20060802; EP 20061183984 20060803; EP 20061184248  
20060804; EP 20061185005 20060807; EP 20061186342 20060809; EP  
20061187761 20060811; EP 20061190161 20060816; EP 20061191342 20060818;  
EP 20061192118 20060821; EP 20061194486 20060824; EP 20061195129  
20060825; EP 20061197471 20060830; EP 20061202560 20060907; EP

20061206348 20060914; EP 20061208989 20060919; EP 20061210977 20060922;  
EP 20061212502 20060926; EP 20061213344 20060927; EP 20061214854  
20060929; EP 20061215943 20061002; EP 20061216024 20061002; EP  
20061230652 20061027; EP 20071000822 20070104; EP 20071001457 20070105;  
EP 20071004030 20070111; EP 20071006407 20070117; EP 20071006431  
20070117; EP 20071007827 20070119; EP 20071009344 20070122; EP  
20071009526 20070123; EP 20071009518 20070123; EP 20071011472 20070125;  
EP 20071013288 20070129; EP 20071013304 20070129; EP 20071014542  
20070131; EP 20071015366 20070201; EP 20071016158 20070202; EP  
20071017370 20070205; EP 20071017123 20070205; EP 20071019350 20070208;  
EP 20071019368 20070208; EP 20071021562 20070212; EP 20071022719  
20070213; EP 20071027387 20070220; EP 20071028120 20070221; EP  
20071030373 20070226; EP 20071051361 20070328

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM  
KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA NG  
NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT  
NL PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3258831

**11/3,K/2 (Item 2 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rts. reserv.

01537571

**GENIUS ADAPTIVE DESIGN  
MODELE D'ADAPTATION AU GENIE**

Patent Applicant/Inventor:

CABINALLA Linda, 1145 Delaware St, Fairfield, CA 94533, US, US  
(Residence), US (Nationality), (Designated for all)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200781519 A2 20070719 (WO 0781519)

Application: WO 2006US48704 20061219 (PCT/WO US2006048704)

Priority Application: US 2005755291 20051230; US 2006756607 20060105; US  
2006778313 20060301; US 2006783018 20060315; US 2006786906 20060328; US

2006852794 20061018

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 520275

Fulltext Availability:

Detailed Description

Detailed Description

... words/phrases. Fuji/Xerox 29 Aug 92 NK. Drawing: C85="tel" %-o-Cl 12

Computer **predicts** human **error**. Input UIP (working conditions of person). System predicts errors they're likely to make. 30...

**^ 11/3,K/3 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2009 Thomson Reuters. All rts. reserv.

0014884177 - Drawing available

WPI ACC NO: 2005-231916/200524

XRPX Acc No: N2005-191019

**Business-related analysis performing method for stage-based business environment, involves performing de - trending operation to reduce error in predicted value based on standardized score and consideration of actual values**

Patent Assignee: GAMBHIR S (GAMB-I); HOERL R W (HOER-I); KALISH P A (KALI-I); LACOMB C A (LACO-I); SENTURK D (SENT-I)

Inventor: GAMBHIR S; HOERL R W; KALISH P A; LACOMB C A; SENTURK D

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050055257	A1	20050310	US 2003654738	A	20030904	200524 B

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes  
US 20050055257 A1 EN 30 12

**Business-related analysis performing method for stage-based business environment, involves performing de - trending operation to reduce error in predicted value based on standardized score and consideration of actual values**

**Alerting Abstract** ...The method involves providing a model (132) implemented on an electronic data processing apparatus. A **predicted value** is generated using the model. A **trending** operation is performed using **trending logic** to derive a **standardized score** that pertains to a variance of the value. A **de - trending** operation is performed using de-trending logic to reduce an **error** in the **value** based on the score and a consideration of **actual values**.

**Original Publication Data by Authority**

**Argentina**

Assignee name & address:

**Claims:**

...method for performing business-related analysis using an electronic data processing apparatus based on an **incomplete** dataset, comprising:providing a model implemented on the electronic data processing apparatus that is based...

...provided by the electronic data processing apparatus to reduce the error in the predicted value **based** the **standardized score** calculated in the **trending** logic and a consideration of **actual values** associated **with** the specified **time interval**, the **de - trending** **operation** yielding an electrical signal representative **of** an output result.

#### **IV. Text Search Results from Dialog**

##### **A. NPL Files, Abstract**

~~ Non-Patent Literature: Non-Full Text  
Dialog files: 2,35,65,99,256,474,475,583

File 2:INSPEC 1898-2009/Apr W1  
(c) 2009 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2009/Mar  
(c) 2009 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2009/Apr 09  
(c) 2009 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb  
(c) 2009 The HW Wilson Co.  
File 256:TecInfoSource 82-2009/Dec  
(c) 2009 Info.Sources Inc  
File 474:New York Times Abs 1969-2009/Apr 13  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Apr 13  
(c) 2009 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage

Set	Items	Description
S1	32102	(STANDARD? ? OR STANDARDIZ??? OR STANDARDIS??? OR COMMON
OR		UNIVERSAL?? OR NORMALIZ??? OR NORMALIS??? OR ADAPT????)(3N)(- SCORE? ? OR SCORING OR RATE? ? OR RATING OR RANK OR RANKS OR - RANKED OR RANKING OR GRADE? ? OR GRADING OR SCALE? ? OR SCALI- NG)
S2	4333	TREND??? OR DETREND??? OR DE()TREND??? OR PATTERN??? OR TE- NDENC??? OR TEND? ? OR TENDING OR TRACK??? OR DIRECTION OR DI- SPOSITION OR INCLINATION OR ENTROPY
S3	19729	DATA OR DATASET? ? OR VALUE OR VALUES OR INFORMATION OR IN- FO OR STATISTIC? ? OR STATS OR FACTS OR PARAMETER? ? OR ATTRI- BUTE? ? OR FACTOR? ? OR CHARACTERISTIC? ? OR CRITERIA OR VARI- ABLE? ? OR METRICS
S4	3921	INCOMPLETE OR CENSORED OR TRUNCAT??? OR PARTIAL OR STOCHAS-
		TIC? OR LOST OR MISSED OR MISSING OR MISPLACED OR UNACCOUNTED OR (NON OR .NOT.)(PRESENT OR ACCOUNTED) OR ERROR?? OR ERRON- EOUS??
S5	7599	ACTUAL??? OR REAL OR REALI?? OR AUTHENTIC???? OR TRUE OR G-

ENUINE OR VALID OR FACTUAL?? OR MEASURED OR QUANTIFIED OR PROVEN OR TESTED OR COUNTED OR GAUGED OR SUBSTANT?  
S6 8642 PREDICT???? OR PROJECT???? OR FORECAST??? OR ESTIMAT??? OR RECKON??? OR ANTICIPAT??? OR FORESEE??? OR FORETELL??? OR FOR-E()CAST??? OR TELL??? OR SEE???) OR EXPECT??? OR PROGNOSTICA-T???)  
S7 707 S3(2N)S4  
S8 765 S3(2N)S5  
S9 1237 S3(2N)S6  
S12 26 S1(12N)(S7 OR S8)(12N)S9  
S13 20 S12 NOT PY>2003  
S14 20 RD (unique items)

**14/3,K/1 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

08940558 INSPEC Abstract Number: A2004-11-0762-023, B2004-06-7230C-007

**Title: Adaptive scene-based nonuniformity correction method for infrared-focal plane arrays**

Author(s): Torres, S.N.; Vera, E.M.; Reeves, R.A.; Sobarzo, S.K.

Author Affiliation: Dept. of Electr. Eng., Univ. of Concepcion, Chile

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)

vol.5076 p.130-9

Publisher: SPIE-Int. Soc. Opt. Eng.

Publication Date: 2003 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2003)5076L.130:ASBN;1-W

Material Identity Number: C574-2003-281

U.S. Copyright Clearance Center Code: 0277-786X/03/\$15.00

Conference Title: Infrared Imaging Systems: Design, Analysis, Modeling, and Testing XIV

Conference Sponsor: SPIE

Conference Date: 23-24 April 2003 Conference Location: Orlando, FL, USA

DOI: 10.1117/12.487217

Language: English

Subfile: A B

Copyright 2004, IEE

...Abstract: in avoiding the presence of ghosting artifacts through the use of optimization techniques in the **parameter estimation** learning process, such as: momentum, regularization, and **adaptive learning rate**. The proposed method has been tested with video sequences of simulated and **real** infrared **data** taken with an InSb IRFPA, reaching high correction

levels, reducing the fixed pattern noise, decreasing...

**14/3,K/2 (Item 2 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

08432431 INSPEC Abstract Number: A2002-23-8770F-046, B2002-12-7510D-051,  
C2002-12-7330-207

**Title: Adaptive mean and trend removal of heart rate variability using  
Kalman filtering**

Author(s): Schlogl, A.; Fortin, J.; Habenbacher, W.; Akay, M.

Author Affiliation: Inst. of Biomed. Eng., Graz Univ. of Technol.,  
Austria

Conference Title: 2001 Conference Proceedings of the 23rd Annual  
International Conference of the IEEE Engineering in Medicine and Biology  
Society (Cat. No.01CH37272) Part vol.1 p.571-3 vol.1

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2001 Country of Publication: USA 4 vol. 4132 pp.

ISBN: 0 7803 7211 5 Material Identity Number: XX-2002-02140

U.S. Copyright Clearance Center Code: 0-7803-7211-5/01/\$17.00

Conference Title: 2001 Conference Proceedings of the 23rd Annual  
International Conference of the IEEE Engineering n Medicine and Biology  
Society

Conference Date: 25-28 Oct. 2001 Conference Location: Istanbul, Turkey

Language: English

Subfile: A B C

Copyright 2002, IEE

Abstract: Analysis of heart rate variability requires the calculation of  
the mean heart rate . Adaptive methods are important for online and  
real -time parameter estimation . In this paper, we demonstrate the use  
of Kalman filtering to estimate adaptively the mean...

**14/3,K/3 (Item 3 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

07662731 INSPEC Abstract Number: C2000-09-1230L-038

**Title: A multi-criteria rule adaptive algorithm for fuzzy systems**

Author(s): Kreesuradej, W.; Bunyarodol, D.

Author Affiliation: Fac. of Inf. Technol., King Mongkut's Inst. of  
Technol., Bangkok, Thailand

Conference Title: 1999 IEEE International Symposium on Intelligent Signal  
Processing and Communication Systems. Signal Processing and Communications  
Beyond 2000 p.61-3

Publisher: King Mongkuts Inst. Technol, Bangkok, Thailand  
Publication Date: 1999 Country of Publication: Thailand xxvii+804 pp.  
ISBN: 974 622 612 6 Material Identity Number: XX-1999-01375  
Conference Title: Proceedings of the International Workshop on Intelligent Signal Processing and Communication Systems  
Conference Sponsor: Nat. Sci. & Technol. Dev. Agency (NSTDA); Nat. Electron. & Comput. Technol. Center (NECTEC); Japan Int. Cooperation Agency (JICA); Sirindhorn Int. Inst. Technol. (SIIT), Thammasat Univ.; IEEE Commun. Soc  
Conference Date: 8-10 Dec. 1999 Conference Location: Phuket, Thailand  
Language: English  
Subfile: C  
Copyright 2000, IEE  
...Abstract: First, the proposed algorithm adapts existent fuzzy rules by a gradient descent method based on **predicting error criteria**. In addition to rule adaptation, the learning **rate** of the **adaptive** algorithm can also be adjusted based on matching of the relative distance of fuzzy relation...

**14/3,K/4 (Item 4 from file: 2)**

DIALOG(R)File 2:INSPEC  
(c) 2009 Institution of Electrical Engineers. All rts. reserv.

07619046 INSPEC Abstract Number: B2000-07-6310-065  
**Title: Reduced-rank STAP performance analysis**  
Author(s): Peckham, C.D.; Haimovich, A.M.; Ayoub, T.F.; Goldstein, J.S.; Reid, I.S.  
Author Affiliation: New Jersey Inst. of Technol., Newark, NJ, USA  
Journal: IEEE Transactions on Aerospace and Electronic Systems vol.36, no.2 p.664-76  
Publisher: IEEE,  
Publication Date: April 2000 Country of Publication: USA  
CODEN: IEARAX ISSN: 0018-9251  
SICI: 0018-9251(200004)36:2L:664:RRSP;1-5  
Material Identity Number: I088-2000-002  
U.S. Copyright Clearance Center Code: 0018-9251/2000/\$10.00  
Language: English  
Subfile: B  
Copyright 2000, IEE

...Abstract: the space-time covariance matrix. It is shown that reduced-rank (RR) methods outperform full- **rank** space-time **adaptive** processing (STAP) when the space-time covariance matrix is **estimated** from a **data** set with limited support. The utility of RR methods is demonstrated by theoretical analysis, simulations and analysis of **real**

**data** . It is shown that RR processing has two opposite effects on the performance: increased statistical...

**14/3,K/5 (Item 5 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

05754192 INSPEC Abstract Number: C9410-1290H-014

**Title: Integer estimation of origin-destination tables**

Author(s): Yoneda, K.

Journal: Transactions of the Institute of Electrical Engineers of Japan,  
Part C vol.114-C, no.4 p.483-90

Publication Date: April 1994 Country of Publication: Japan

CODEN: DGRCDZ ISSN: 0385-4221

Language: Japanese

Subfile: C

...Abstract: estimates. The algorithm comprises two stages: the first is the standard iterative scaling which yields **real value estimates**; the second trims the real estimates into integers by combinatorial optimization. A penalty scheme converts...

**14/3,K/6 (Item 6 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

03933694 INSPEC Abstract Number: B87048041, C87037566

**Title: Simultaneous estimation of rotation and translation in image sequences**

Author(s): Burkhardt, H.; Diehl, N.

Author Affiliation: Arbeitsbereich Tech. Inf. I, Tech. Univ.  
Hamburg-Harburg, West Germany

Conference Title: Signal Processing III: Theories and Applications.  
Proceedings of EUSIPCO-86: Third European Signal Processing Conference  
p.821-4 vol.2

Editor(s): Young, I.T.; Duin, R.P.W.; Biemond, J.; Gerbrands, J.J.

Publisher: North-Holland, Amsterdam, Netherlands

Publication Date: 1986 Country of Publication: Netherlands 2 vol.  
xxvi+1436 pp.

ISBN: 0 444 70085 4

Conference Date: 2-5 Sept. 1986 Conference Location: The Hague,  
Netherlands

Language: English

Subfile: B C

...Abstract: image sequences. The algorithm combines several advantages such as large stability region, high image-bandwidth- **adaptive convergence rate** of at least second order near the optimum and a minimum of numeric expense within each iteration step. Furthermore an extension to **estimate** affine transform **parameters** and tests of the algorithm using **real** image **data** are presented.

**14/3,K/7 (Item 7 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

03893517 INSPEC Abstract Number: A87067272

**Title: Estimation of errors in the relative scales of sets of X-ray intensity data**

Author(s): Ito, T.; Sugawara, Y.; Iwasaki, H.

Author Affiliation: Crystal Phys. Lab., Inst. of Phys. & Chem. Res., Saitama, Japan

Journal: Scientific Papers of the Institute of Physical and Chemical Research vol.80, no.4 p.111-16

Publication Date: Dec. 1986 Country of Publication: Japan

CODEN: SPIPAG ISSN: 0020-3092

Language: English

Subfile: A

...Abstract: estimate the errors in the obtained scales. In order to eliminate the bias in the **estimated errors**, intensity **data** are **normalized** before **scaling**. The estimated errors are useful for diagnosis of the results and also for weighting the...

**14/3,K/8 (Item 8 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

03524149 INSPEC Abstract Number: C85047232

**Title: GFREG: a computer program for maximum likelihood regression using the generalized F distribution**

Author(s): Hogg, S.A.; Ciampi, A.

Author Affiliation: Div. of Biol. Res., Ontario Cancer Inst., Toronto, Ont., Canada

Journal: Computer Methods and Programs in Biomedicine vol.20, no.2 p.201-15

Publication Date: July 1985 Country of Publication: Netherlands

CODEN: CMPBEK ISSN: 0169-2607

U.S. Copyright Clearance Center Code: 0169-2607/85\$03.30

Language: English

Subfile: C

...Abstract: search algorithm for covariate selection is included in the program. Output features include: model selection **criteria**, standard **errors** of **parameter estimates**, quantile and survival **rates** with their **standard** errors, residuals and several plots. An example based on data from Princess Margaret Hospital, Toronto...

**^ 14/3,K/9 (Item 9 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

03062654 INSPEC Abstract Number: B83033129, C83022839

**Title: Approximate methods using ranks for regression with censored data**

Author(s): Pettitt, A.N.

Author Affiliation: Dept. of Math., Loughborough Univ. of Technol.,  
Loughborough, UK

Journal: Biometrika vol.70, no.1 p.121-32

Publication Date: April 1983 Country of Publication: UK

CODEN: BIOKAX ISSN: 0006-3444

Language: English

Subfile: B C

...Abstract: rank likelihoods is given and used to make inferences for the linear regression model with **censored data**. The approximations involve linear **rank statistics**, adapted for **censored data**, and **estimates** for their variance. Various explicit scores are given for right **censored data** and logistic scores for doubly **censored data**. Inferences using the approximate rank analysis are compared with inferences using fully and partially parametric...

**14/3,K/10 (Item 10 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 Institution of Electrical Engineers. All rts. reserv.

03004166 INSPEC Abstract Number: A83025817

**Title: Universal scaling and chaotic behavior of a Josephson-junction analog**

Author(s): Yeh, W.J.; Kao, Y.H.

Author Affiliation: Dept. of Phys., State Univ. of New York, Stony Brook,  
NY, USA

Journal: Physical Review Letters vol.49, no.26 p.1888-91

Publication Date: 27 Dec. 1982 Country of Publication: USA  
CODEN: PRLTAO ISSN: 0031-9007

Language: English  
Subfile: A

...Abstract: power law with a critical exponent sigma and the average bandwidth in the chaotic regime **scales** with a **universal** number beta , both in good agreement with theoretical **predictions** . **Measured values** of other universal numbers are reported.

**^ 14/3,K/11 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01886150 ORDER NO: AADAA-I3051447

**Using factor score estimates in latent variable analysis**

Author: Azevedo, Kari Ann

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: Iowa State University (0097)

Source: VOLUME 63/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 1910. 66 PAGES

ISBN: 0-493-65877-7

...the theoretical constructs are often observed only indirectly through a set of observable indicators. Although **estimates** of **standard factor scores** are available, making inferences about the **true value** of a latent construct has not been discussed widely. In this paper, a variance **estimator** for the **factor score estimator** is derived that incorporates the additional variability due to the parameter estimation. Also, an estimated...

**14/3,K/12 (Item 2 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01877467 ORDER NO: AADAA-I3046026

**Organizational climate and student achievement in middle schools within New York City**

Author: Hopkins, Gerard Thomas

Degree: Ed.D.

Year: 2002

Corporate Source/Institution: St. John's University (New York), School  
of Education and Human Services (1334)

Source: VOLUME 63/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 830. 187 PAGES  
ISBN: 0-493-60200-3

...that each of these variables makes significant, independent contributions to student achievement as measured by **standardized test scores** and that the **predictor variables** explain a **substantial** amount of variance in the hypothesized model. Further, the researchers used a parsimonious view of...

**14/3,K/13 (Item 3 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01729208 ORDER NO: AADAA-I9959678  
**Space/time/frequency methods in adaptive radar**  
Author: Peckham, Christopher Dean  
Degree: Ph.D.  
Year: 2000  
Corporate Source/Institution: New Jersey Institute of Technology (0152)  
Source: VOLUME 61/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 447. 120 PAGES

...of the space-time covariance matrix. It is shown that reduced-rank methods outperform full- **rank** space-time **adaptive** processing when the space-time covariance matrix is **estimated** from a **dataset** with limited support. The utility of reduced-rank methods is demonstrated by theoretical analysis, simulations and analysis of **real data**. It is shown that reduced-rank processing has two effects on the performance: increased statistical...

**14/3,K/14 (Item 4 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01711877 ORDER NO: AADAA-I9944369  
**A simulation comparing bootstrap and maximum likelihood estimates of scale - value standard errors in multidimensional scaling**  
Author: Kim, Se-Kang  
Degree: Ph.D.  
Year: 1999  
Corporate Source/Institution: University of Minnesota (0130)  
Source: VOLUME 60/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4957. 67 PAGES

**A simulation comparing bootstrap and maximum likelihood estimates of scale - value standard errors in multidimensional scaling**

This study was conducted to find out the more appropriate way to estimate scale - value standard error (SE) in the analysis of profile data using the multidimensional scaling (MDS) technique, since no

...

**14/3,K/15 (Item 5 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01561535 ORDER NO: AAD97-19278

**A COMPARISON OF ACADEMIC OUTCOMES AMONG GROUPS OF FEMALE ELEMENTARY EDUCATION AND SPECIAL EDUCATION MAJORS ADMITTED UNDER REGULAR ADMISSION POLICIES AND TEN PERCENT EXCEPTION ADMISSION POLICIES (WOMEN STUDENTS)**

Author: LYNCH, SUSAN HUNT

Degree: ED.D.

Year: 1996

Corporate Source/Institution: THE FLORIDA STATE UNIVERSITY (0071)

Source: VOLUME 58/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 136. 91 PAGES

...measured by GPA at completion of upper division course work in lieu of a specific **standardized test score**. A stepwise Multiple Regression was used to determine which of the twelve independent **variables tested** best **predicted** success. Nine **variables** in the study accounted for 45% of the variance with the top four variables related directly to past and present academic performance. Forcing **standardized test scores** (SAT/ACT/EACT) into the regression equation did not significantly contribute to the overall academic...

**14/3,K/16 (Item 6 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

01332946 ORDER NO: AAD94-05449

**SEPARATION AND LONG-RUN NON-CAUSALITY IN A COINTEGRATED SYSTEM**

Author: KONISHI, TORU

Degree: PH.D.

Year: 1993

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, SAN DIEGO (0033)

Source: VOLUME 54/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3530. 121 PAGES

...interest rate variables form a long run separation relation, thus these two sectors have different **common** stochastic trends. Interest **rate** spread is one of the error correction terms, and it has **forecasting** **information** pertaining to **real variables** such as GNP since it affects the stochastic trend of the **real variables**. However, it was also found that the power of the **forecasting information** is greatly diminished either if M2 velocity is included, or some period is excluded.

Chapter...

**14/3,K/17 (Item 7 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

(c) 2009 ProQuest Info&Learning. All rts. reserv.

01178088 ORDER NO: AAD91-30159

**ROBUST ESTIMATION WITH NON-NORMAL DATA AND FINITE SAMPLES IN THE ANALYSIS**

**OF COVARIANCE STRUCTURES**

Author: HENLY, SUSAN JOAN

Degree: PH.D.

Year: 1991

Corporate Source/Institution: UNIVERSITY OF MINNESOTA (0130)

Source: VOLUME 52/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2816. 255 PAGES

...Free (ADF), and approximate ADF (DADF) estimators, and the elliptical correction (CMWL) to the test **statistic** and **standard errors** for **scale** invariant models was made for each sample. Each of the 32 distribution--sample size conditions was replicated 300 times. The accuracy of the **parameter estimates** and **estimated** standard errors and the distribution of the test statistic were studied.

Parameter estimates associated with...

**14/3,K/18 (Item 8 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

(c) 2009 ProQuest Info&Learning. All rts. reserv.

1035472 ORDER NO: AAD88-26718

**THE RELATIONSHIP OF MOTIVATIONAL STYLE TO INTELLIGENCE AND ACADEMIC ACHIEVEMENT AMONG HIGH SCHOOL STUDENTS**

Author: BUZMINSKY, DAVID ANDREW

Degree: PH.D.

Year: 1988

Corporate Source/Institution: THE PENNSYLVANIA STATE UNIVERSITY (0176)

Source: VOLUME 49/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4570. 262 PAGES

...analyses showed that the most powerful predictor of both CTBS reading achievement and math achievement **standard scores** was SFTAA IQ. The next best **predictor variable** to enter both regression models was the Decision-Making motivation **factor**. The Trial & Error motivation **factor** was the only other variable to enter the reading achievement regression model. The amounts of...

**14/3,K/19 (Item 9 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

(c) 2009 ProQuest Info&Learning. All rts. reserv.

940221 ORDER NO: AAD87-01000

**THE ENERGETICS OF WILSON'S STORM-PETREL (OCEANITES OCEANICUS)**

**BREEDING AT**

**PALMER STATION, ANTARCTICA (SEABIRD, HYDROBATIDAE, PROCELLARIIFORMES)**

Author: OBST, BRYAN STEVEN

Degree: PH.D.

Year: 1986

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)

Source: VOLUME 47/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3676. 124 PAGES

...difficult environment.

Standard metabolic rates and daily energy expenditures of adults were similar to allometrically **predicted values**. Metabolic rate during incubation was  $2.2 \times$  basal metabolic rate (BMR), the highest **value** yet **measured** in birds. Metabolic rate while away from the nest was  $4.2 \times$  BMR, a...

**14/3,K/20 (Item 1 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2009 The HW Wilson Co. All rts. reserv.

1475941 H.W. WILSON RECORD NUMBER: BAST96073041

**Standard-error estimates for rates of change from indirect measurements**

Thomas, James P; Wei, Robert P

...ABSTRACT: experiment parts is performed by applying the chain rule of differentiation. Mean-rate and standard- **error values** are **estimated** in terms of the component means and standard errors. An analysis of some fatigue-crack...

#### B. NPL Files, Full-text

~~ Non-Patent Literature: Full Text

Dialog files: 9,15,16,20,148,160,275,610,613,621,624,634,636,810,813

- File 9:Business & Industry(R) Jul/1994-2009/Apr 11
  - (c) 2009 Gale/Cengage
- File 15:ABI/Inform(R) 1971-2009/Apr 11
  - (c) 2009 ProQuest Info&Learning
- File 16:Gale Group PROMT(R) 1990-2009/Mar 23
  - (c) 2009 Gale/Cengage
- File 20:Dialog Global Reporter 1997-2009/Apr 14
  - (c) 2009 Dialog
- File 148:Gale Group Trade & Industry DB 1976-2009/Mar 31
  - (c) 2009 Gale/Cengage
- File 160:Gale Group PROMT(R) 1972-1989
  - (c) 1999 The Gale Group
- File 275:Gale Group Computer DB(TM) 1983-2009/Mar 18
  - (c) 2009 Gale/Cengage
- File 610:Business Wire 1999-2009/Apr 02
  - (c) 2009 Business Wire.
- File 613:PR Newswire 1999-2009/Apr 14
  - (c) 2009 PR Newswire Association Inc
- File 621:Gale Group New Prod.Annu.(R) 1985-2009/Mar 10
  - (c) 2009 Gale/Cengage
- File 624:McGraw-Hill Publications 1985-2009/Apr 14
  - (c) 2009 McGraw-Hill Co. Inc
- File 634:San Jose Mercury Jun 1985-2009/Apr 10
  - (c) 2009 San Jose Mercury News
- File 636:Gale Group Newsletter DB(TM) 1987-2009/Mar 23
  - (c) 2009 Gale/Cengage
- File 810:Business Wire 1986-1999/Feb 28
  - (c) 1999 Business Wire
- File 813:PR Newswire 1987-1999/Apr 30
  - (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	411040	(STANDARD? ? OR STANDARDIZ???) OR STANDARDIS???) OR COMMON OR UNIVERSAL?? OR NORMALIZ???) OR NORMALIS???) OR ADAPT?????(3N)(-SCORE? ? OR SCORING OR RATE? ? OR RATING OR RANK OR RANKS OR -RANKED OR RANKING OR GRADE? ? OR GRADING OR SCALE? ? OR SCALING)
S2	122559	TREND??? OR DETREND??? OR DE()TREND??? OR PATTERN??? OR TENDENC??? OR TEND? ? OR TENDING OR TRACK??? OR DIRECTION OR DISPOSITION OR INCLINATION OR ENTROPY
S3	300273	DATA OR DATASET? ? OR VALUE OR VALUES OR INFORMATION OR INFO OR STATISTIC? ? OR STATS OR FACTS OR PARAMETER? ? OR ATTRIBUTE? ? OR FACTOR? ? OR CHARACTERISTIC? ? OR CRITERIA OR VARIABLE? ? OR METRICS
S4	66160	INCOMPLETE OR CENSORED OR TRUNCAT??? OR PARTIAL OR STOCHAS. TIC? OR LOST OR MISSED OR MISSING OR MISPLACED OR UNACCOUNTED OR (NON OR .NOT.)() PRESENT OR ACCOUNTED) OR ERROR?? OR ERRONEOUS??
S5	201900	ACTUAL??? OR REAL OR REALI?? OR AUTHENTIC??? OR TRUE OR GENUINE OR VALID OR FACTUAL?? OR MEASURED OR QUANTIFIED OR PROVEN OR TESTED OR COUNTED OR GAUGED OR SUBSTANT?
S6	235483	PREDICT???? OR PROJECT???? OR FORECAST??? OR ESTIMAT??? OR RECKON??? OR ANTICIPAT??? OR FORESEE??? OR FORETELL??? OR FOR-E()CAST??? OR TELL??? OR SEE???) OR EXPECT??? OR PROGNOSTICATT???
S7	5491	S1(12N)S2
S8	5030	S3(2N)S4
S9	20603	S3(2N)S5
S10	21605	S3(2N)S6
S11	42	(S7 OR S8)(30N)S9(30N)S10
S12	33	S11 NOT PY>2003
S13	33	RD (unique items)

**13/3,K/1 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

02664022 348600421

**Assessing customer perceptions of website service quality in digital marketing environments**

Wang, Yi-Shun; Tang, Tzung-I

Journal of End User Computing v15n3 PP: 14-31 Jul-Sep 2003

ISSN: 1063-2239 JRNLD CODE: EUC

WORD COUNT: 5957

...TEXT: Alternative SERVQUAL Models (n=260)

Figure 1: The EC-Adapted SERVQUAL Instrument

Reliability of the **factors** was **estimated** by composite reliability. The composite reliabilities can be calculated as follows: (square of the summation of the factor loadings)/{(square of the summation of the factor loadings)+(summation of **error variables** )}. The interpretation of the resultant coefficient is similar to that of Cronbach's alpha, except that it also takes into account the **actual factor** loadings rather than assuming that each item is equally weighted in the composite load determination...

**13/3,K/2 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

02424913 183785861

**Combining health plan performance indicators into simpler composite measures**

Zaslavsky, Alan M; Shaul, James A; Zaborski, Lawrence B; Cioffi, Matthew J;  
Cleary, Paul D

Health Care Financing Review v23n4 PP: 101-115 Summer 2002

ISSN: 0195-8631 JRNL CODE: HCF

WORD COUNT: 6734

...TEXT: rate using the predictive error of the regression (i.e., the residual variation of the **true values** around the regression line).

In practice, the methods we use are more complex, for two reasons. First, different sets of **variables** are **missing** for different units. In many cases, more than one variable must be imputed for the...

...unit. Hence, imputation cannot be done using a single regression model. The procedures we used **predict** the **missing values** for each unit from the values of all CAHPS(R) and HEDIS(R) scores available...

**13/3,K/3 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

02313979 86924234

**Efficient slicing for layered manufacturing**

Tata, Kamesh; Fadel, Georges; Bagchi, Amit; Aziz, Nadim

Rapid Prototyping Journal v4n4 PP: 151-167 1998  
ISSN: 1355-2546 JRNL CODE: RPPT  
WORD COUNT: 7921

...TEXT: 25 and 96 percent. With a requested deviation of 0.01 inch in all three **criteria**, the **error in measured** versus requested **values** at different locations varied between -0.0001 inch and 0.0006 inch. This very small...

...Tables VII, VIII, and IX, and confirm that there is a very good correlation between **expected** and **actual values**. Figures 20 and 21 show parts machined on the CNC machine.

Savings in machining time...

**13/3,K/4 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

02302230 67968048  
**Do we really need multiple-item measures in service research?**  
Drolet, Aimee L; Morrison, Donald G  
Journal of Service Research : Jsr v3n3 PP: 196-204 Feb 2001  
ISSN: 1094-6705 JRNL CODE: SRES  
WORD COUNT: 4850

...TEXT: results, see Morrison and Schmittlein 1991). Let each expert forecaster be unbiased, that is, the **expected value** of the **forecast** is the **true value**. Thus, if

Stated **Forecast** = **True Value + Error**,

this implies that the mean of the error term is 0. It is also assumed...

**13/3,K/5 (Item 5 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

02032290 55106730  
**Portfolio duration**  
Borgman, Richard H; Strong, Robert A  
Journal of Business & Economic Studies v5n2 PP: 67-81 Fall 1999  
ISSN: 1063-343X JRNL CODE: NEJ  
WORD COUNT: 3494

...TEXT: for all maturities predicts closer to true value than PACD although both underestimate the new **actual market value**, as is typical of duration. Similarly, with a downward sloping yield curve and a decline in all interest rates, PWAD for all maturities predicts closer to **true value** than PACD.

However, when all interest rates decline in an upward sloping yield curve environment...

...a downward sloping yield curve environment, the results become less straightforward. Table 1 calculates market **value prediction errors** (as a percentage of portfolio value) for both PWAD and PACD for a selection of...value for a 40 year maturity portfolio) occur when predicting using the PACD measure. The **value prediction errors** can be economically significant. Consider a \$10 million portfolio of zero coupon bonds maturing in...

...If all rates drop 1% the portfolio market value will increase. However, PWAD will underestimate **true value** by \$163,500. PCAD will underestimate by \$453,900, an economically significant difference between the...

**13/3,K/6 (Item 6 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2009 ProQuest Info&Learning. All rts. reserv.

01986042 49795288

**Inflation report: Fourth quarter 1999**

Anonymous

Norges Bank. Economic Bulletin v70n4 PP: 310-348 Dec 1999

ISSN: 0029-1676 JRNL CODE: NBE

WORD COUNT: 16488

...TEXT: than the errors in the estimates presented in December 1997. This is confirmed for important **real variables**. The **forecast errors** for wage and price inflation, however, are smallest in the earliest estimate.

The forecasts for...

**13/3,K/7 (Item 7 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2009 ProQuest Info&Learning. All rts. reserv.

01659982 03-10972

**Effects of monotone and nonmonotone attrition on parameter estimates in regression models with educational data: Demographic effects on achievement, aspirations, and attitudes**

Burkam, David T; Lee, Valerie E

Journal of Human Resources v33n2 PP: 555-574 Spring 1998

ISSN: 0022-166X JRNL CODE: JHR

WORD COUNT: 7047

...TEXT: 1987).

Footnote:

7. Manski (1989) has suggested a technique to determine bounds on bias in **parameter estimates** which occur when **data** are **missing** on the dependent **variable**. **Missing data** of this type could result either from attrition or (as in this case) from subjects...

...separately from the present study. Thus, the analyses in this paper are restricted to dependent **variables** which were **measured** in the base year, and they are also restricted to respondents with available data on...

**13/3,K/8 (Item 8 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2009 ProQuest Info&Learning. All rts. reserv.

01647471 02-98460

**Determinants of youth suicide: The Easterlin-Holinger Cohort Hypothesis re-examined**

Freeman, Donald G

American Journal of Economics & Sociology v57n2 PP: 183-199 Apr 1998

ISSN: 0002-9246 JRNL CODE: AES

WORD COUNT: 5162

...TEXT: compared with previous efforts. One approach to this question is to re-estimate the model, **truncating** the **data** at an earlier year, say 1983 (the last year available to Holinger and Offer (1989...

...decade), and use the same "baseline, trend" method to forecast the most recent decade of **actual data** (1984-1993) using **projections** of independent **variables** from information available in 1983. Table 5 reports the results of reestimating the model over...

**13/3,K/9 (Item 9 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2009 ProQuest Info&Learning. All rts. reserv.

01536106 01-87094

**Racial differences in marriage and the role of marriage markets**

Brien, Michael J

Journal of Human Resources v32n4 PP: 741-778 Fall 1997

ISSN: 0022-166X JRNL CODE: JHR

WORD COUNT: 12376

...TEXT: the variable of interest (namely, the local marriage market variable) and uncorrelated with the measurement **error**. These **variables** can then be used to calculate a **predicted value** of the **variable** that is **measured** with **error**. This **predicted** value is then used in place of the original **variable**. The trick, of course, is to...

**13/3,K/10 (Item 10 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2009 ProQuest Info&Learning. All rts. reserv.

00861650 95-11042

**A smart automated macroeconomic forecasting system**

Moss, Scott; Artis, Michael; Ormerod, Paul

Journal of Forecasting v13n3 PP: 299-312 May 1994

ISSN: 0277-6693 JRNL CODE: JOF

WORD COUNT: 5841

...TEXT: the ranges within which individual variables should lie and note any persistent and/or large **errors** in **estimated values** in comparison with recent **actual values**.

(4) Calculate current magic diamond ratios; note whether any magic diamond ratios or other variables...

**13/3,K/11 (Item 11 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2009 ProQuest Info&Learning. All rts. reserv.

00827776 94-77168

**The mean, weighted mean, median, and other robust estimators of the assessment ratio: An independent exploration of issues raised by Nielsen Response**

Denne, Robert C; Nielsen, Reinald S

Property Tax Journal v12n3 PP: 261-274 Sep 1993

ISSN: 0731-0285 JRNL CODE: PTJ

WORD COUNT: 2755

...TEXT: Denne's commentary. His calculations and remarks are an enlightening contrast for my report.

BoT **estimated values** include an **error** relative to "real" value .  
The **error** term can be calculated by assuming sales prices are "real" values .

Under this assumption for the Bangor 527, I calculated a population of BoT error terms...

**13,3,K/12 (Item 12 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

00787705 94-37097

**Marketability and default influences on the yield premia of speculative-grade debt**

Shulman, Joel; Bayless, Mark; Price, Kelly  
Financial Management v22n3 PP: 132-141 Autumn 1993  
ISSN: 0046-3892 JRNL CODE: FMG  
WORD COUNT: 5963

...TEXT: explanatory power of the empirical model.

5 The LISREL methodology that we employ cannot be **estimated** if any **variable** in either the default or yield spread equation has **missing values** .

This restriction is partly responsible for the dramatic drop in the number of observations from the initial set to the final set that we used.

6 For example, we separately **tested** our default **variables** using a logistic regression and report a "classification accuracy" of approximately 891.

In this approach...

**13,3,K/13 (Item 13 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

00728511 93-77732

**In Search of a Stable, Short-Run M1 Demand Function**

Mehra, Yash P.  
Economic Review (Federal Reserve Bank of Richmond) v78n3 PP: 9-23  
May/Jun 1992  
ISSN: 0094-6893 JRNL CODE: ERR  
WORD COUNT: 6122

...TEXT: timing of predictive failure, I generate out-of-sample predictions of M1 growth conditional on **actual values** of income and interest rate **variables**. The **predicted values** are generated using Equation A of Table 3 and are for forecast horizons one to...

...results are reported in Table 5, which contains actual M1 growth as well as prediction **errors** (with summary **statistics**) for various **forecast** horizons. (Table 5 omitted) The results presented there suggest two observations. The first is that...

**13/3,K/14 (Item 14 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2009 ProQuest Info&Learning. All rts. reserv.

00700906 93-50127

**International comparisons of unemployment indicators**

Sorrentino, Constance  
Monthly Labor Review v116n3 PP: 3-24 Mar 1993  
ISSN: 0098-1818 JRNL CODE: MLR  
WORD COUNT: 14755

...TEXT: is also shown. At two standard terms, there is a 95-percent chance that the **true value** of the **estimate** falls within the range given. These standard errors relate only to U-5. Different, and...

...could be associated with the other measures. For example, there would be a larger standard **error** associated with **data** on discouraged workers for the United States because such data are obtained from only one...

**13/3,K/15 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2009 Gale/Cengage. All rts. reserv.

08358769 Supplier Number: 70649347 (USE FORMAT 7 FOR FULLTEXT)  
**Dynamic Forecasting of Monetary Exchange Rate Models: Evidence from Cointegration.(Statistical Data Included)**

HWANG, JAE-KWANG  
International Advances in Economic Research, v7, n1, p51

Feb, 2001

Language: English Record Type: Fulltext

Article Type: Statistical Data Included

Document Type: Magazine/Journal; Refereed; Trade

Word Count: 5630

... random walk on the basis of the root mean squared error (RMSE) and mean absolute **error criteria** for **forecast** evaluation. The poor empirical performance of these structural exchange rate models could be the result of simultaneous equation bias, sampling error, stochastic movement in the **true underlying parameters**, and misspecification of the underlying models. (1)

However, not all writers present results that reject...

**13/3,K/16 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2009 Gale/Cengage. All rts. reserv.

03127894 Supplier Number: 44266941 (USE FORMAT 7 FOR FULLTEXT)

**Model Developed For Economic Gas Dispatch**

Pipeline & Gas Journal, p26

Dec, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 783

... daily weather patterns, such as design, normal, warm and extreme. Generally, such EHDD series represent **actual data**, adjusted slightly to result in statistically correct monthly and annual totals established by the LDC as **standards** for system design, **rates** design and financial **patterns**.

Using this approach allows the capture of weather **patterns** exhibiting persistence and other realistic **characteristics**. However, weather **forecast information** can be input to drive the model in short-term planning.

The model is driven by weather patterns input as time series, so other independent variables such as general inflation **factors**, energy cost **projections** and economic model results can also be input as time-series data. Alternatively, detailed submodels...

**13/3,K/17 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

15703020 SUPPLIER NUMBER: 99933290 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Dynamic forecasting of sticky-price monetary exchange rate model.**

Hwang, Jae-Kwang

Atlantic Economic Journal, 31, 1, 103(12)

March, 2003

ISSN: 0197-4254 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5611 LINE COUNT: 00536

... walk on the basis of the root-mean-square-error (RM SE) and mean-absolute- error criteria for forecast evaluation. The poor empirical performance of these structural exchange rate models could be the result of simultaneous equation bias, sampling error, stochastic movement in the true underlying parameters , and mis-specification of the underlying models. (1)

However, not all writers present results that...

**13/3,K/18 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

14486163 SUPPLIER NUMBER: 84264797 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Targeting poverty through community-based public works programmes:**

**Experience from South Africa.(Statistical Data Included)**

Adato, Michelle; Haddad, Lawrence

Journal of Development Studies, 38, 3, 1(36)

Feb, 2002

DOCUMENT TYPE: Statistical Data Included ISSN: 0022-0388

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 14756 LINE COUNT: 01394

... summaries, etc.). However, in many cases it was determined that these documents either (1) contained data taken from project applications and did not reflect actual data collected during project implementation; or (2) were incomplete , contained data that were of questionable origin or contradictory. Thus, in order to get accurate data , a project -level questionnaire was designed and administered to implementing agents, and sometimes contractors and accountants for each project, and additional project records reviewed.

District-level data : The project -level data were merged at the district level with district-level averages from the 1995 October Household

...

**13/3,K/19 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

13310042 SUPPLIER NUMBER: 73001516 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The Bayesian Modeling of Disease Risk in Relation to a Point Source.**

WAKEFIELD, JON C.; MORRIS, SARA E.

Journal of the American Statistical Association, 96, 453, 77

March, 2001

ISSN: 0162-1459 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 12957 LINE COUNT: 01106

... Exposures and confounders may also be measured on individuals even though the health and population **data** are **measured** at the area level. Often exposure and confounder variables are incorporated directly into the model without acknowledging that these **variables** are **actually estimates**. Each of these misspecifications can be modeled using an **errors-in-variables** approach. MCMC is then a very natural way to carry out the computations, because...

...required conditional distributions are of simple form. Richardson and Gilks (1993) provided a discussion of **errors in variables** in epidemiology from a Bayesian perspective. Unfortunately, validation data are rare in the context considered...

**13/3,K/20 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

11900399 SUPPLIER NUMBER: 60903589 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Additive Hazards Regression With Covariate Measurement Error.**

KULICH, MICHAL; LIN, D. Y.

Journal of the American Statistical Association, 95, 449, 238

March, 2000

ISSN: 0162-1459 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 8841 LINE COUNT: 00900

... the final  $((\beta).sub.C)((w.sub.opt))$ .

**3.3 Corrected Pseudoscore Estimators With Unknown Error Parameters**

We now relax the assumption that the **error parameters** describing the conditional distribution of  $W$  given  $Z$  are known. From now on, let  $(\theta)$  denote all the **error parameters** taken as a column vector and let  $((\theta).sub.0)$  be the **true value** of  $(\theta)$ . The unknown **error parameters** can be **estimated** from the validation set and be replaced by their estimators in the CS. The resulting...

**13/3,K/21 (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

11781753 SUPPLIER NUMBER: 58382235 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Comparison of Partially Measured Latent Traits Across Nominal Subgroups.**

COHEN, Jon D.; JIANG, Tao

Journal of the American Statistical Association, 94, 448, 1035  
Dec, 1999

ISSN: 0162-1459 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 7398 LINE COUNT: 00686

... the American Statistical Association, 85, 699-704.

Comparison of Values From the "Implicit Table" and **True Values** for Data Drawn From a Simple Random Sample

**True values      Estimation**

	Mean	SD	Mean	SD
(theta)	.003	1.000	.002	.996
(theta)/g = 1	.236	.927...		

...907 -.517 .901

Comparison of Estimated Standard Errors From the  
"Implicit Table" and Actual

Standard **Errors** for Data Drawn From a Simple Random Sample  
Observed Estimated

E ((theta)/g = 1)	.054	.061
var...		

**13/3,K/22 (Item 6 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

10405678 SUPPLIER NUMBER: 20897095 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Correcting for omitted-variables and measurement-error bias in regression  
with an application to the effect of lead on IQ.**

Marais, M. Laurentius; Wecker, William E.

Journal of the American Statistical Association, v93, n442, p494(12)  
June, 1998

ISSN: 0162-1459 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8755 LINE COUNT: 00756

... secs. 1 and 2). In the special case of no omitted variables and zero measurement **errors**, the auxiliary **information estimator** reduces to OLS regression.

The regression model augmented with auxiliary information can also be

cast...

...IQ, HOME, and lead variables as "latent" variables and the relation of the observed to **true variables** as the components of the "measurement model." In our application there are no "indicators" corresponding...

**13/3,K/23 (Item 7 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

10169866 SUPPLIER NUMBER: 20352043 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Default probability on corporate bonds: a contingent claims model.**

Trussel, John

Review of Financial Economics, v6, n2, p199(11)  
Spring, 1997

ISSN: 1058-3300 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4916 LINE COUNT: 00419

... dependent variable is the bond rating. Under OLS, the dependent variable should be a continuous **variable**, **measured** on an interval scale. Bond ratings are categorical, measured on an ordinal scale. McKelvey and...

...that when the dependent variable of a regression equation is ordinal rather than interval, the **expected value** of the **error** term does not equal zero, the variance of the error term is not constant as a function of the independent **variables**, and the **error** term is not normally distributed. This results in a downward bias in the (R.sup...

**13/3,K/24 (Item 8 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

08933606 SUPPLIER NUMBER: 18587515 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Evidence on electoral accountability in the U.S. Senate: are unfaithful agents really punished?**

Schmidt, Amy B.; Kenny, Lawrence W.; Morton, Rebecca B.

Economic Inquiry, v34, n3, p545(23)

July, 1996

ISSN: 0095-2583 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 11907 LINE COUNT: 01008

... across states in distances between parties.

21. We get nearly identical results using the absolute **value** of

AVERAGE ERROR , the average difference between the **actual** and **predicted values** for the corrected ADA scores.

22. Of the senators in office in 1951 approximately 14...

**13/3,K/25 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

08722441 SUPPLIER NUMBER: 18367807 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Stochastic trends and fluctuations in national income, wages, and profits.**

Koray, Faik; Lee, Tae-Hwy; Palivos, Theodore

Southern Economic Journal, v62, n4, p873(16)

April, 1996

ISSN: 0038-4038 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5887 LINE COUNT: 00531

... what a RBC model predicts.

When nominal variables are added to the system containing only **real variables** , however, the results change dramatically. We find that the system consisting of both **real** and nominal **variables** has three **stochastic factors** . Taking into account nominal shocks reduces the explanatory power of permanent real shocks substantially in...

**13/3,K/26 (Item 10 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

08097951 SUPPLIER NUMBER: 17225125 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Using the Arbitrage Pricing Theory to calculate the probability of financial institution failure. (Note)**

Clare, Andrew D.

Journal of Money, Credit & Banking, v27, n3, p921(7)

August, 1995

ISSN: 0022-2879 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2383 LINE COUNT: 00193

... in (6):

MATHEMATICAL EXPRESSION OMITTED| where  $v_{sub.it}$ | is the one-step-ahead forecast **error** . The **expected value** of firm capital can be rewritten as

MATHEMATICAL EXPRESSION OMITTED|

The **actual value** and conditional variance of firm capital are given respectively as

MATHEMATICAL EXPRESSION OMITTED|

Expression (9...

**13/3,K/27 (Item 11 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

07620911 SUPPLIER NUMBER: 16660824 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Booming-sector economic activity in Paraguay 1973-86: a case of Dutch disease?**

Richards, Donald G.

Journal of Development Studies, v31, n2, p310(24)

Dec, 1994

ISSN: 0022-0388 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 8396 LINE COUNT: 00748

... the model are presented in Table 6.

TABLE 6

REGRESSION RESULTS FOR EQUATION (8)

Dependent Variable = Index of real urban wage rate

Variable	Parameter Estimate	Standard Error	T Ratio
----------	--------------------	----------------	---------

INTERCEPT	265.8603	35.5034	7.488 ***
COTEXSH	253.6539	115.8990	2...

**13/3,K/28 (Item 12 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

06771946 SUPPLIER NUMBER: 14793655 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Marketability and default influences on the yield premia of speculative-grade debt. (includes appendices) (Financial Distress Special Issue)**

Shulman, Joel; Bayless, Mark; Price, Kelly

Financial Management, v22, n3, p132(10)

Autumn, 1993

ISSN: 0046-3892 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 6506 LINE COUNT: 00631

... explanatory power of the empirical model.

5 The LISREL methodology that we employ cannot be **estimated** if any

**variable** in either the default or yield spread equation has **missing values**. This restriction is partly responsible for the dramatic drop in the number of observations from the initial set to the final set that we used.

6 For example, we separately **tested** our default **variables** using a logistic regression and report a "classification accuracy" of approximately 89%. In this approach...

**13/3,K/29 (Item 13 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

05812304 SUPPLIER NUMBER: 11912280 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Innovations in interest rates, duration transformation, and bank stock returns. (includes appendix)**

Akella, Srinivas R.; Greenbaum, Stuart I.

Journal of Money, Credit & Banking, v24, n1, p27(16)

Feb, 1992

ISSN: 0022-2879 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT WORD COUNT: 5270 LINE COUNT: 00434

... data which introduce an error in measuring cash flows. However, if the variation in the **true variables** is large relative to the measurement **error**, the **parameter estimates** would not be significantly biased (see Johnston 1984). In addition, the study focuses on short...

**13/3,K/30 (Item 14 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c) 2009 Gale/Cengage. All rts. reserv.

05579686 SUPPLIER NUMBER: 11815086 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**An empirical investigation of the impact of task conflict and task ambiguity on buyers' role perception.**

Tadepalli, Raghu

Mid-Atlantic Journal of Business, v27, n3, p251(12)

Dec, 1991

ISSN: 0732-9334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 4220 LINE COUNT: 00351

... Bentler and Bonett suggest that an index value greater than .90 indicates a good fit.

**Parameter estimates** and goodness-of-fit indices for the measurement and structural models are reported in Table 2. For the measurement model, coefficients of factor loadings of the **measured**

**variables**, their associated **error** variances, and the squared multiple correlations of the observed variables with their hypothetical factors are

...

**13/3,K/31 (Item 15 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

05538809 SUPPLIER NUMBER: 11399298 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Assessing construct validity in organizational research. (includes appendices)**

Bagozzi, Richard P.; Yi, Youjae; Phillips, Lynn W.  
Administrative Science Quarterly, v36, n3, p421(38)  
Sept, 1991

ISSN: 0001-8392 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 16586 LINE COUNT: 01402

... among variables in statistical analyses and may induce errors in inference. Under some circumstances, random **error** even inflates **parameter estimates** (Bagozzi, 1991). Method variance may also bias results by inflating the observed relationships among **variables measured** with the common method.

Because measurement errors (i.e., random error and method variance) provide...

**13/3,K/32 (Item 16 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rts. reserv.

04639726 SUPPLIER NUMBER: 08278392 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Can futures market data be used to understand the behavior of real interest rates?**

Mishkin, Frederic S.  
Journal of Finance, v45, n1, p245(13)  
March, 1990

ISSN: 0022-1082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4958 LINE COUNT: 00393

... error term which is the forecast error of inflation.

Two disadvantages of using ex-post **real** interest rate **data** to examine the behavior of real interest rates are readily understandable from the equation above...

...the real interest rate changes over time. Specifically, without

knowledge about the variability of inflation **forecast errors**,  
**information** about the variability of the real interest rate cannot be  
directly extracted from information about...

**13/3,K/33 (Item 1 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2009 Gale/Cengage. All rts. reserv.

01522602 SUPPLIER NUMBER: 12394961 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Care and feeding of neural networks: if a neural network won't train, it  
might be because the data won't let it. For better results, keep it  
simple, and keep it clean. (Tutorial)**

Crooks, Ted

AI Expert, v7, n7, p36(6)

July, 1992

DOCUMENT TYPE: Tutorial ISSN: 0888-3785 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3436 LINE COUNT: 00257

... misnamed file, or confused desktop database. Don't give up easily:  
the answers for truly **missing** data aren't satisfying.

So you can't find the missing data. Then what? The...

...This can be done in several ways. The most rudimentary scheme is to  
replace missing **values** with the **expected value** of the variable. If  
you don't pay attention to any other variables in the example, the  
**expected value** of a real-valued variable is the mean of the variable  
across the sample of...

...is appropriate. For ordinal values, the median value of the population  
is expected.

What if **missing data** is an important problem in your application  
and you want to use a more sophisticated way to **expecting values**? To do  
better at selecting an **expected value**, you must first take a leap of  
faith; you must assume that the reason the **data** is **missing** has nothing  
to do with its value or the value of the variables your model...

...Sometimes such as assumption is warranted. For example, you might know  
that most of your **missing data** is due to a disk failure some months ago  
and that the data collected before...

**V. Additional Resources Searched**

No results were found in the Internet & Personal Computing Abstracts through EBSCO.  
No results were found in the Financial Times through Proquest.